



Atty. Dkt. No. 066243-0223 (128637IT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Brodnick et al.

Title: DETECTION OF FUNCTION OF
IMPLANTED MEDICAL
DEVICES

Appl. No.: 10/685,810

Filing Date: 10/15/2003

Examiner: Unknown

Art Unit: Unknown

<p>CERTIFICATE OF MAILING</p> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450, on the date below.</p> <p><u>Carolyn Rainis</u> (Printed Name)</p> <p><u>Carolyn Rainis</u> (Signature)</p> <p><u>01/28/04</u> (Date of Deposit)</p>
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INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56. A copy of each listed document, except as noted below, is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The USPTO has waived the requirement under 37 CFR 1.98(a)(2)(i) to submit copies of U.S. patents and U.S. patent application publications when citing and submitting an Information Disclosure Statements in a patent application filed after June 30, 2003 and in an international application that has entered the national stage under 37 USC §371 after June 30, 2003. Accordingly, copies of these types of documents are not being supplied in connection with this application. Reference is being made to Pre-OG Notice from Office of Patent Legal Administration dated July 25, 2003, *Information Disclosure Statements May Be Filed Without*

Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

RELEVANCE OF EACH DOCUMENT

All of the documents are in English.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

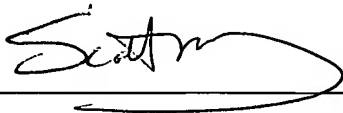
The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 06-1447. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even

entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 06-1447.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

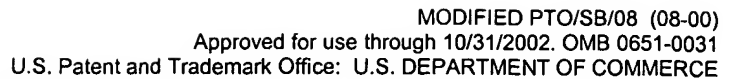
Respectfully submitted,

Date 1/28/04

By 

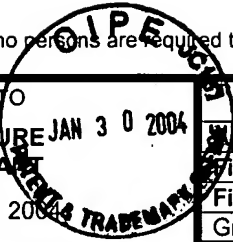
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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: January 28, 2004

(use as many sheets as necessary)

Complete if Known

Application Number	10/685,810
Filing Date	10/15/2003
First Named Inventor	Donald E. Brodnick
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	066243-0223 (128637IT)

Sheet 2 of 2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	B1	TIMO LENSU et al., "Detection of Rectangular Pulses Using Median Based Prefiltering", CH2872-0/90/0000-0224, 1990, IEEE, pages 224-227	
	B2	RICHARD ZINSER, "Non-linear Pulse Signature Enhancer", GE Patent Disclosure Letter System for Docket Number 32173, available at least by 10/15/03, 10 pages	
	B3	RICHARD ZINSER et al., "Switchable Combiner Algorithm for Pacemaker Pulse Detection", GE Patent Disclosure Letter System for Docket Number 32166, available at least by 10/15/03, 14 pages	
	B4	EMAD ANDARAWIS et al., "Method for Noise Discrimination in Detection of Pacemaker", GE Patent Disclosure Letter System for Docket Number 32217, available at least by 10/15/03, 5 pages	
	B5	JEFFREY ASHE et al., "Method and Apparatus for Retrofitting Pacemaker Pulse Detection Capability on Existing ECG Equipment", GE Patent Disclosure Letter System for Docket Number 32324, available at least by 10/15/03, 5 pages	
	B6	RICHARD ZINSER, "Median Filter-Based Pulse Detection Algorithm", GE Patent Disclosure Letter System for Docket Number 31807, available at least by 10/15/03, 21 pages	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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